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FEBRUARY 21, 2002

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Attorney Docket No. 1301

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

UTILITY PATENT APPLICATION TRANSMITTAL

Inventor(s): Kanwarpal S. Dhugga, Timothy G. Helentjaris, Xiaomu Niu

Title: Manipulation of Sucrose Synthase Genes To Improve Stalk
And Grain Quality

APPLICATION ELEMENTS

1. Fee Transmittal Form (Submit an original, and a duplicate for fee processing)
2. Specification [Total Pages 89]
(Preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. Drawing(s) (35 USC 113) [Total Sheets 16]
 - a. Formal
 - b. Informal

Attorney Docket No. 1301

4. Oath or Declaration [Total Pages _____]
a. Newly executed (original or copy)
b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 16 completed)
i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
5. Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
a. Computer Readable Copy
b. Paper Copy (identical to computer copy) [Total Pages 22]
c. Statement verifying identity to above copies

ACCOMPANYING APPLICATION PARTS

7. Assignment Papers (cover sheet & document(s))
8. 37 CFR 3.73(b) Statement Power of Attorney
(where there is an assignee)
9. English Translation Document (if applicable)
10. Information Disclosure Statement (IDS/PTO-1449)
 Copies of IDS Citations
11. Preliminary Amendment
12. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
13. Small Entity Statement(s) Statement filed in prior application
Status still proper and desired
14. Certified Copy of Priority document(s)
15. Other: Application Data Sheet

Attorney Docket No. 1301

16. If a **CONTINUING APPLICATION**, check the appropriate box, and supply the requisite information below and in a preliminary amendment:

Continuation Divisional Continuation-in-part (CIP) of prior application No. _____.

Prior application information: Examiner _____ Group/Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part

of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label: 27310
(Insert Customer No. or Attach bar code label here)
or

Correspondence address below

Name: _____

Address: Pioneer Hi-Bred International, Inc.
Corporate Intellectual Property
7100 N.W. 62nd Avenue
P.O. Box 1000

City Johnston **State:** Iowa **Zip Code:** 50131-1000

Country: USA **Phone:** (515) 334-6883 **Facsimile:** (515) 334-6883

10.1 ELLIPTICAL GALEOCCERATION

The total fee is calculated as shown below:

Basic Filing Fee \$ 740.00

Total Claims 21 - 20 = 1 x \$ 18.00 18.00

Independent Claims 5 - 3 = 2 x \$ 84.00 168.00

Multiple Dependent Claims present + \$280.00 \$

TOTAL FILING FEE \$ 926.00

Attorney Docket No. 1301

- Charge \$926.00 to Deposit Account No. 16-1852.
- The Commissioner is hereby authorized to charge any additional fees under 37 CFR 1.16 or 1.17 which may be required by this paper, or credit any overpayment, to our Deposit Account No. 16-1852.
- A duplicate of this transmittal is enclosed

Respectfully submitted,



Debra L. Blair
Attorney for Applicant(s)
Registration No. 39,112

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